

Refine Search

Search Results -

Terms	Documents
L2 and (PVB)	8

Database:

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Derwent World Patents Index
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Search:

L3

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Search History

DATE: Wednesday, November 28, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

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result set

DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L3</u>	L2 and (PVB)	8	<u>L3</u>
<u>L2</u>	Fusabond	352	<u>L2</u>
<u>L1</u>	(modifying near agent) and (Fusabond near P)	2	<u>L1</u>

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20060079621 A1

L3: Entry 1 of 8

File: PGPB

Apr 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060079621

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060079621 A1

TITLE: Toughened polyacetal compositions and blends having low surface gloss

PUBLICATION-DATE: April 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lee; Win-Chung	Parkersburg	WV	US
Eichstadt; Francis J.	Parkersburg	WV	US
Moraczewski; Jerome P.	Kennett Square	PA	US

US-CL-CURRENT: [524/442](#); [524/445](#), [524/494](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Draw D
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☐ 2. Document ID: US 20060036036 A1

L3: Entry 2 of 8

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060036036

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060036036 A1

TITLE: Thermoplastic elastomers from crosslinked polyvinylbutyral

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann; George Henry	WILMINGTON	DE	US

US-CL-CURRENT: [525/155](#); [524/272](#), [524/568](#), [525/240](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Draw D
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☐ 3. Document ID: US 20050027072 A1

L3: Entry 3 of 8

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027072
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050027072 A1

TITLE: Process for conversion of polyvinyl butyral (PVB) scrap into processable pellets

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann, George Henry	Wilmington	DE	US

US-CL-CURRENT: 525/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	BOOC	Draw D
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☐ 4. Document ID: US 20040266931 A1

L3: Entry 4 of 8

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040266931
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040266931 A1

TITLE: Polyamide and polyvinylbutyral compositions and blends comprising mineral filler and articles made therefrom

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lee, Win-Chung	Parkersburg	WV	US
Lima, Avelino F.	North Hills	WV	US
Wang, I-Chung W.	Vienna	WV	US

US-CL-CURRENT: 524/435; 524/445, 524/451, 524/502

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	BOOC	Draw D
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☐ 5. Document ID: US 20040147675 A1

L3: Entry 5 of 8

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040147675
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040147675 A1

TITLE: Thermoplastic elastomers from crosslinked polyvinylbutyral

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann, George H.	Wilmington		DE

US-CL-CURRENT: 525/165; 525/178, 525/185, 525/192, 525/240, 525/241, 525/461

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Drawings
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6. Document ID: US 20040087706 A1

L3: Entry 6 of 8

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040087706

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040087706 A1

TITLE: Toughened, glass filled polyamide compositions and blends having improved stiffness, and articles made therefrom

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fish, Robert B. JR.	Parkersburg	WV	US
Lee, Win-Chung	Parkersburg	WV	US

US-CL-CURRENT: 524/494

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMIC	Drawings
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7. Document ID: US 20030212203 A1

L3: Entry 7 of 8

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212203

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030212203 A1

TITLE: Process for conversion of polyvinyl butyral (pvb) scrap into processable pellets

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Hofmann, George Henry

Wilmington

DE

US

US-CL-CURRENT: 525/63; 525/64, 525/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw. D.
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☐ 8. Document ID: US 7138454 B2

L3: Entry 8 of 8

File: USPT

Nov 21, 2006

US-PAT-NO: 7138454

DOCUMENT-IDENTIFIER: US 7138454 B2

TITLE: Toughened, glass filled polyamide compositions and blends having improved stiffness, and articles made therefrom

DATE-ISSUED: November 21, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040087706 A1

May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fish; Robert B.	Parkersburg	WV		US
Lee; Win-Chung	Parkersburg	WV		US

US-CL-CURRENT: 524/514; 524/512

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw. D.
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L2 and (PVB)

8

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Search:

L22

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<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L22	L21 and hydroxyl	28	L22
L21	modified near PVB	44	L21
L20	modified PVB	1602306	L20
L19	L18 and (polyethylene or polypropylene or polystyrene or polyamide or polyester or polyacrylates or PVC)	39	L19
L18	L17 and ((polycarboxylic near acid) or diisocyanate)	41	L18
L17	L16 and crosslink\$3	97	L17
L16	L15 and (hydroxyl near group)	189	L16
L15	L14 and modified	507	L15
L14	L1 and butvar	1154	L14
L13	L1 and (anhydride near function\$2 near polyvinylbutyral)	0	L13
L12	hydroxyl near terminated near polyvinylbutyral	0	L12
L11	hydroxyl near modifying near polyvinylbutyral	0	L11

<u>L10</u>	hydroxyl-modified near polyvinylbutyral	0	<u>L10</u>
<u>L9</u>	L1 and (hydroxyl near modified)	68	<u>L9</u>
<u>L8</u>	L1 and (hydroxyl-reactive near group)	8	<u>L8</u>
<u>L7</u>	L1 and (Fusabond near P)	4	<u>L7</u>
<u>L6</u>	L4 and (Fusabond near P)	4	<u>L6</u>
<u>L5</u>	L4 and (FusabondP)	0	<u>L5</u>
<u>L4</u>	L1 and (Fusabond/(r)P)	22515	<u>L4</u>
<u>L3</u>	L1 and (Fusabond P)	18387	<u>L3</u>
<u>L2</u>	L1 and (Fusabond)	20	<u>L2</u>
<u>L1</u>	polyvinylbutyral or (polyvinyl near butyral) or (polyvinyl-butylal) or (PVB)	33379	<u>L1</u>

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1. Document ID: US 20060173105 A1

L22: Entry 1 of 28

File: PGPB

Aug 3, 2006

PGPUB-DOCUMENT-NUMBER: 20060173105

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060173105 A1

TITLE: Composite comprising cellulose and thermoplastic polymer

PUBLICATION-DATE: August 3, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Griffin; Elizabeth R.	Newark	DE	US
Hofmann; George Henry	Wilmington	DE	US

US-CL-CURRENT: [524/35](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw D
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2. Document ID: US 20060036036 A1

L22: Entry 2 of 28

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060036036

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060036036 A1

TITLE: Thermoplastic elastomers from crosslinked polyvinylbutyral

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann; George Henry	WILMINGTON	DE	US

US-CL-CURRENT: [525/155](#); [524/272](#), [524/568](#), [525/240](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw D
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☐ 3. Document ID: US 20060008648 A1

L22: Entry 3 of 28

File: PGPB

Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060008648

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060008648 A1

TITLE: Polyvinylbutyral interlayers having superior acoustical properties and method of preparing same

PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bennison; StephenJ	Wilmington	DE	US
Rymer; DonaldL	Little Hocking	OH	US

US-CL-CURRENT: 428/411.1; 428/426

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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☐ 4. Document ID: US 20050027072 A1

L22: Entry 4 of 28

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027072

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027072 A1

TITLE: Process for conversion of polyvinyl butyral (PVB) scrap into processable pellets

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann, George Henry	Wilmington	DE	US

US-CL-CURRENT: 525/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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☐ 5. Document ID: US 20040147675 A1

L22: Entry 5 of 28

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040147675

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040147675 A1

TITLE: Thermoplastic elastomers from crosslinked polyvinylbutyral

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann, George H.	Wilmington		DE

US-CL-CURRENT: [525/165](#); [525/178](#), [525/185](#), [525/192](#), [525/240](#), [525/241](#), [525/461](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FOI/C	Draw D
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6. Document ID: US 20030212203 A1

L22: Entry 6 of 28

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030212203

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030212203 A1

TITLE: Process for conversion of polyvinyl butyral (pvb) scrap into processable pellets

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hofmann, George Henry	Wilmington	DE	US

US-CL-CURRENT: [525/63](#); [525/64](#), [525/69](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FOI/C	Draw D
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7. Document ID: US 20030111159 A1

L22: Entry 7 of 28

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030111159

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030111159 A1

TITLE: Film-reinforced glasses

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hashimoto, Masao	Kanagawa		JP
Okada, Tokuo	Kanagawa		JP

US-CL-CURRENT: 156/99; 156/106

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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8. Document ID: US 6433079 B1

L22: Entry 8 of 28

File: USPT

Aug 13, 2002

US-PAT-NO: 6433079

DOCUMENT-IDENTIFIER: US 6433079 B1

TITLE: Aqueous anticorrosion primers based on polyvinylbutyral

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gerlitz; Martin	Graz			AT
Friedl; Maximilian	Gratkorn			AT
Fischer; Thomas	Graz			AT
Supper; Ernst	Graz			AT
Krassnitzer; Manfred	Graz			AT

US-CL-CURRENT: 525/56; 427/385.5, 427/388.4, 524/503, 525/57, 525/58, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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9. Document ID: US 5972552 A

L22: Entry 9 of 28

File: USPT

Oct 26, 1999

US-PAT-NO: 5972552

DOCUMENT-IDENTIFIER: US 5972552 A

TITLE: Photoconductor comprising a complex between metal oxide phthalocyanine compounds and hydroxy or amine compounds

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ganapathiappan; Sivapackia	Mountain View	CA		
Nguyen; Khe C.	Los Altos	CA		

US-CL-CURRENT: 430/96; 430/133

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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☐ 10. Document ID: US 5750300 A

L22: Entry 10 of 28

File: USPT

May 12, 1998

US-PAT-NO: 5750300

DOCUMENT-IDENTIFIER: US 5750300 A

TITLE: Photoconductor comprising a complex between metal oxide phthalocyanine compounds and hydroxy compounds

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nguyen; Khe C.	Los Altos	CA		

US-CL-CURRENT: 430/78; 430/134, 430/56, 430/96

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Index	Draw D
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☐ 11. Document ID: US 5656365 A

L22: Entry 11 of 28

File: USPT

Aug 12, 1997

US-PAT-NO: 5656365

DOCUMENT-IDENTIFIER: US 5656365 A

TITLE: Intermediate fire-resistant film and its use in a laminated glass

DATE-ISSUED: August 12, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dages; Daniel	les Mureaux			FR

US-CL-CURRENT: 428/221; 428/524, 525/398, 525/399, 525/401, 525/472, 525/474,
525/539, 525/540

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Index	Draw D
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☐ 12. Document ID: US 5631315 A

L22: Entry 12 of 28

File: USPT

May 20, 1997

US-PAT-NO: 5631315

DOCUMENT-IDENTIFIER: US 5631315 A

** See image for Certificate of Correction **

TITLE: Plasticized polyvinyl butyral sheet containing epoxy resin

DATE-ISSUED: May 20, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Errico; John J.	Glastonbury	CT		

US-CL-CURRENT: 524/314; 428/437, 523/455, 525/58

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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13. Document ID: US 5529849 A

L22: Entry 13 of 28

File: USPT

Jun 25, 1996

US-PAT-NO: 5529849

DOCUMENT-IDENTIFIER: US 5529849 A

TITLE: Plasticized polyvinyl butyral sheet containing epoxy resin

DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Errico; John J.	Glastonbury	CT		

US-CL-CURRENT: 428/415; 359/359, 359/360, 359/580, 428/426, 428/432, 428/433,
428/436, 428/437, 428/469, 428/699, 428/701, 428/702, 428/913

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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14. Document ID: US 5529848 A

L22: Entry 14 of 28

File: USPT

Jun 25, 1996

US-PAT-NO: 5529848

DOCUMENT-IDENTIFIER: US 5529848 A

TITLE: Plasticized polyvinyl butyral sheet containing epoxy resin

DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Errico; John J.	Glastonbury	CT		

US-CL-CURRENT: 428/413; 359/359, 359/360, 359/580, 428/426, 428/432, 428/433,
428/436, 428/437, 428/469, 428/699, 428/701, 428/702, 428/913

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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15. Document ID: US 5137954 A

L22: Entry 15 of 28

File: USPT

Aug 11, 1992

US-PAT-NO: 5137954

DOCUMENT-IDENTIFIER: US 5137954 A

TITLE: Polyvinyl butyral sheet

DATE-ISSUED: August 11, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DasGupta; Arijit M.	Belchertown	MA		
David; Donald J.	Amherst	MA		
Tetreault; Roland J.	Springfield	MA		

US-CL-CURRENT: 524/284; 428/98, 524/297, 524/557, 525/60, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Index	Draw D.
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16. Document ID: US 5130370 A

L22: Entry 16 of 28

File: USPT

Jul 14, 1992

US-PAT-NO: 5130370

DOCUMENT-IDENTIFIER: US 5130370 A

TITLE: Molding compositions of polyvinylbutyral blend

DATE-ISSUED: July 14, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Udipi; Kishore	Longmeadow	MA		
Stebbins; Lionel R.	Belchertown	MA		

US-CL-CURRENT: 525/57; 524/443, 524/504, 524/507, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Index	Draw D.
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17. Document ID: US 5030688 A

L22: Entry 17 of 28

File: USPT

Jul 9, 1991

US-PAT-NO: 5030688

DOCUMENT-IDENTIFIER: US 5030688 A

** See image for Certificate of Correction **

TITLE: Ionomeric polyvinyl butyral

DATE-ISSUED: July 9, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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18. Document ID: US 4999253 A

L22: Entry 18 of 28

File: USPT

Mar 12, 1991

US-PAT-NO: 4999253

DOCUMENT-IDENTIFIER: US 4999253 A

TITLE: Polyvinyl butyral sheet

DATE-ISSUED: March 12, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 428/515; 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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19. Document ID: US 4999078 A

L22: Entry 19 of 28

File: USPT

Mar 12, 1991

US-PAT-NO: 4999078

DOCUMENT-IDENTIFIER: US 4999078 A

**** See image for Certificate of Correction ****

TITLE: Reducing blocking and increasing flow of plasticized polyvinyl butyral sheet

DATE-ISSUED: March 12, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 156/327; 264/331.22, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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20. Document ID: US 4968745 A

L22: Entry 20 of 28

File: USPT

Nov 6, 1990

US-PAT-NO: 4968745

DOCUMENT-IDENTIFIER: US 4968745 A

TITLE: Method of producing ionomeric polyvinyl butyral

DATE-ISSUED: November 6, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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21. Document ID: US 4968744 A

L22: Entry 21 of 28

File: USPT

Nov 6, 1990

US-PAT-NO: 4968744

DOCUMENT-IDENTIFIER: US 4968744 A

TITLE: Polyvinyl butyral polyblend

DATE-ISSUED: November 6, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 525/57; 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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22. Document ID: US 4968743 A

L22: Entry 22 of 28

File: USPT

Nov 6, 1990

US-PAT-NO: 4968743

DOCUMENT-IDENTIFIER: US 4968743 A

TITLE: Process for preparing polyvinyl butyral sheet

DATE-ISSUED: November 6, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Misra; Ashok	New Delhi			IN
David; Donald J.	Amherst	MA		
DasGupta; Arijit M.	Holyoke	MA		

US-CL-CURRENT: 525/57; 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMOC	Draw D
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□ 23. Document ID: US 4902464 A

L22: Entry 23 of 28

File: USPT

Feb 20, 1990

US-PAT-NO: 4902464

DOCUMENT-IDENTIFIER: US 4902464 A

TITLE: Cross-linked polyvinyl butyral

DATE-ISSUED: February 20, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cartier; George E.	Springfield	MA		
Farmer; Peter H.	Longmeadow	MA		

US-CL-CURRENT: 264/211.24; 264/236, 264/331.22, 264/347, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMOC	Draw D
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□ 24. Document ID: US 4874814 A

L22: Entry 24 of 28

File: USPT

Oct 17, 1989

US-PAT-NO: 4874814

DOCUMENT-IDENTIFIER: US 4874814 A

TITLE: Cross-linked polyvinyl butyral

DATE-ISSUED: October 17, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Cartier; George E. Springfield MA
Farmer; Peter H. Longmeadow MA

US-CL-CURRENT: 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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☐ 25. Document ID: US 4814529 A

L22: Entry 25 of 28

File: USPT

Mar 21, 1989

US-PAT-NO: 4814529

DOCUMENT-IDENTIFIER: US 4814529 A

TITLE: Cross-linked polyvinyl butyral

DATE-ISSUED: March 21, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cartier; George E.	Springfield	MA	01118	
Farmer; Peter H.	Longmeadow	MA	01106	

US-CL-CURRENT: 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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☐ 26. Document ID: US 4654179 A

L22: Entry 26 of 28

File: USPT

Mar 31, 1987

US-PAT-NO: 4654179

DOCUMENT-IDENTIFIER: US 4654179 A

TITLE: Polyvinyl butyral sheet roughness control

DATE-ISSUED: March 31, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cartier; George E.	Springfield	MA		
Farmer; Peter H.	Longmeadow	MA		

US-CL-CURRENT: 264/176.1; 264/211, 264/216, 264/331.22, 425/224, 525/61

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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☐ 27. Document ID: JP 09105679 A

L22: Entry 27 of 28

File: JPAB

Apr 22, 1997

PUB-NO: JP409105679A

DOCUMENT-IDENTIFIER: JP 09105679 A

TITLE: POSITIVE RESISTANCE-TEMPERATURE CHARACTERISTIC RESIN COMPOSITION

PUBN-DATE: April 22, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

KIMURA, KOJI

YUGAWA, KATSUMI

HARADA, ATSUSHI

NAGAKUBO, HIROSHI

INT-CL (IPC): G01K 7/16; C08F 8/00; C08K 3/00; C08L 29/14; C08L 101/00; H01C 7/02

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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28. Document ID: US 20050027072 A1

L22: Entry 28 of 28

File: DWPI

Feb 3, 2005

DERWENT-ACC-NO: 2005-151293

DERWENT-WEEK: 200516

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TITLE: Pellet composition useful for blending with other polymers for commercial use e.g. windshield for automobiles and window glass in homes comprises chemically modified polyvinylbutyral

INVENTOR: HOFMANN, G H

PRIORITY-DATA: 2004US-0876330 (June 24, 2004), 2003US-0333993 (January 24, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20050027072 A1	February 3, 2005		011	C08G063/48

INT-CL (IPC): C08G 63/48

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw D
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